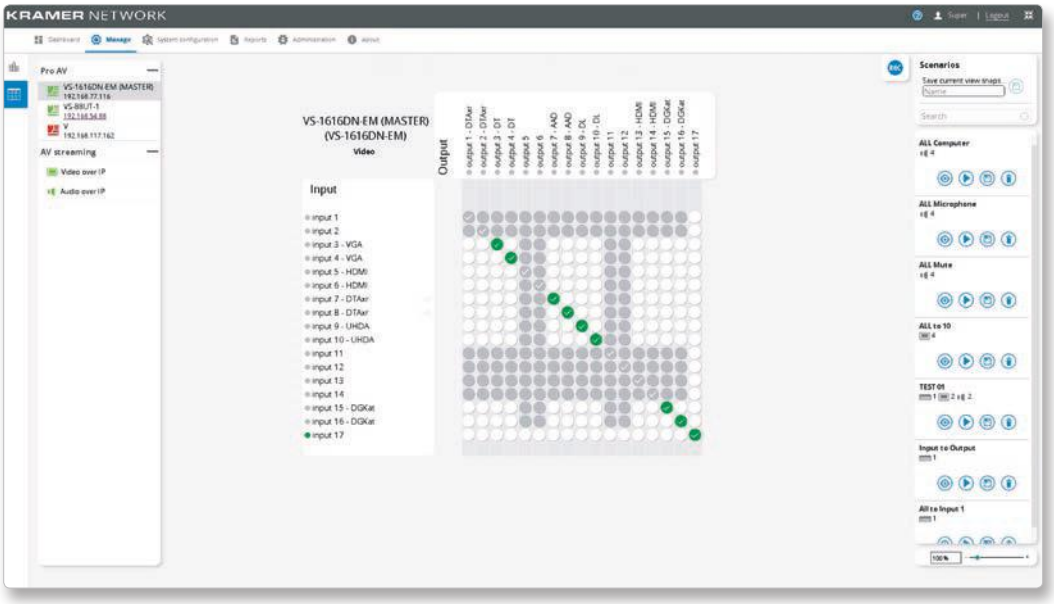
Kramer AV over IP

Streaming. Management. Control.

Powered by
KRAMER
NETWORK

KRAMER

KramerAV.com



Unified Management Platform
Kramer Network

Kramer Network makes it easy for IT and AV professionals to manage Kramer's KDS series streamers, room environments and any AV device from any point on the IP network. Kramer Network delivers a suite of time saving tools including firmware management, centralized or distributed control, automatic device detection, and customizable topology.

Cutting-Edge End User Control
Kramer Control

With a Kramer touch control panel or any iOS or Android device, Kramer Control gives end users easy, local control of any video and audio system, video streams, video conferencing, lighting, HVAC, shades, and more in any space.
Kramer Control's end user interface is completely customizable.

Business Benefits of AV over IP

Built for IT

Distribute, manage and control any AV, streaming and Dante™ device from any single point in the network. We make it easy for IT professionals to manage AV networks using standard IT practices and existing IP infrastructure with no need to install additional cabling or switches.

Scalable & Flexible

Add any number of sources and destinations for any application and grow as you go! Configure any input/output combination for any application, e.g., corporate, education, entertainment, digital signage, medical, military.

Traditional AV & AV Over IP

Administrators can easily manage traditional Pro AV and new AV over IP devices from any point in a network. Firmware upgrades, notifications, routing and reporting can all be conveniently managed from a distributed or centralized location regardless of the scale or scope of your installation.

Unlimited Distance

Your AV distribution and management capabilities are limited only by the reach of your IP network.

Cost Effective - Use Existing Infrastructure

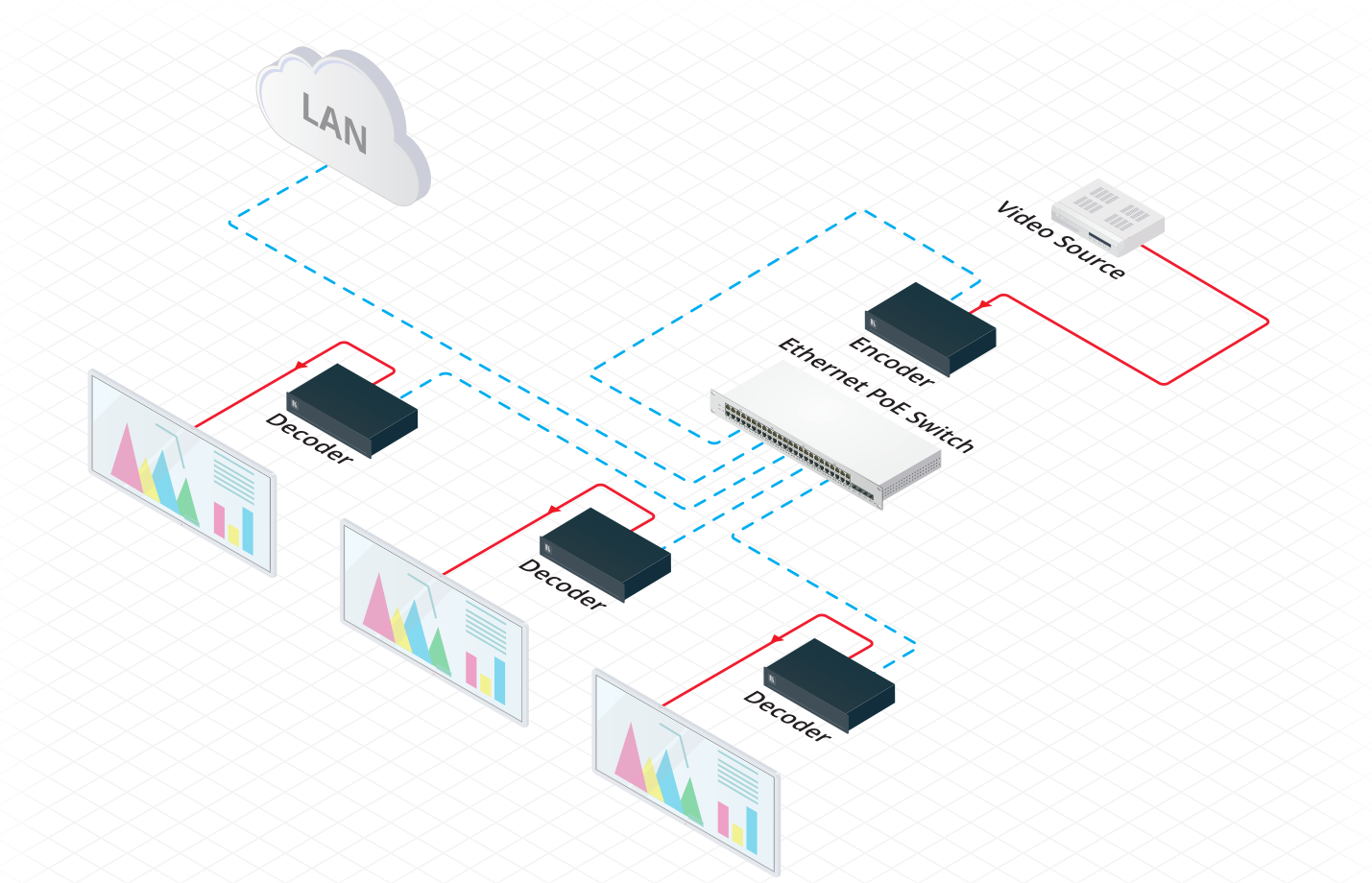
There's no need to invest in additional infrastructure, e.g., cabling, switches. The solution also includes built-in scaling and control conversion such as RS-232, IR and USB. Now there's no need to purchase additional physical control gateways or scalers.

Enhanced Security

Keep your network safe with the latest user management tools, secured logins and encrypted passwords.

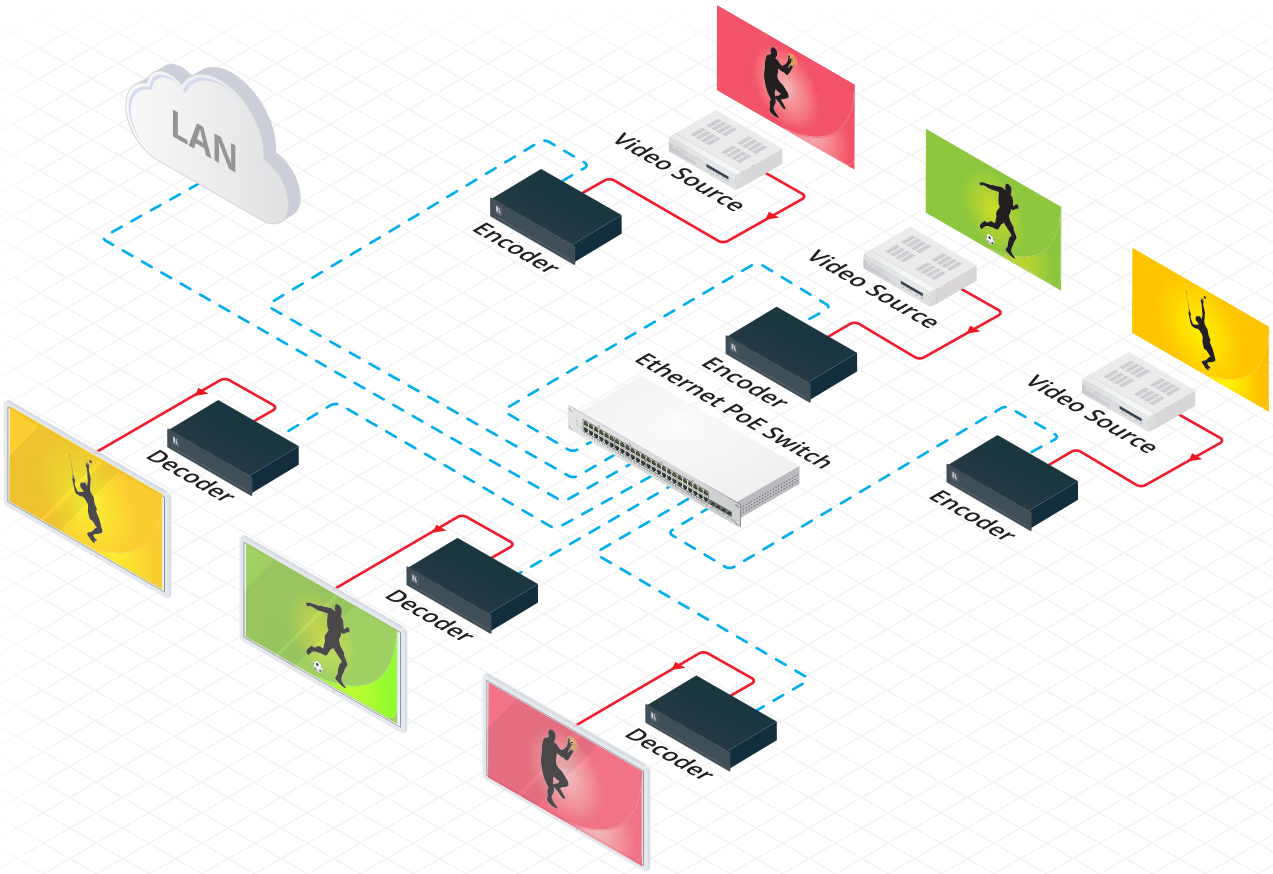
Kramer AV over IP Application Examples

One to Many



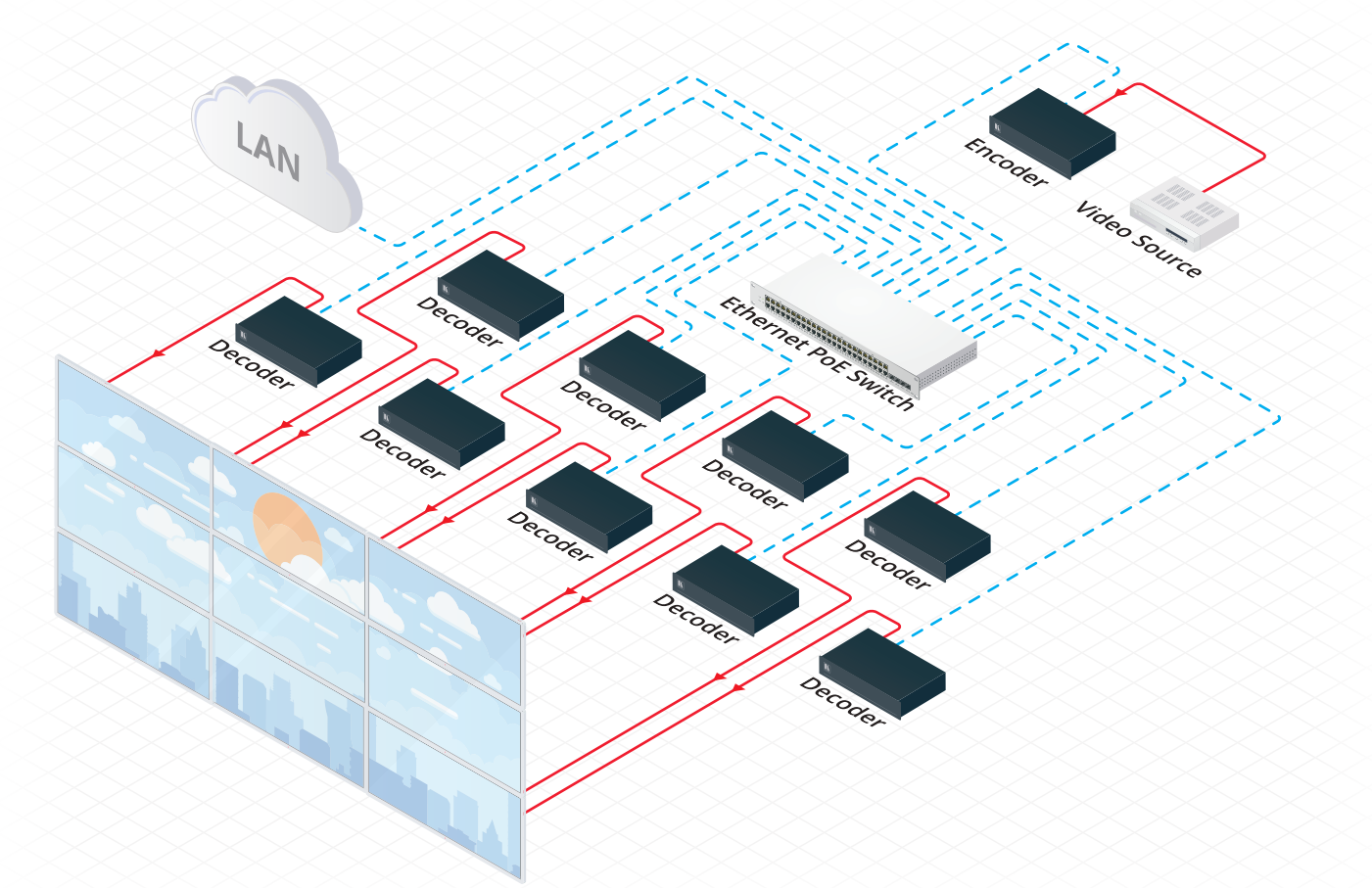
HDMI Ethernet

Many to Many



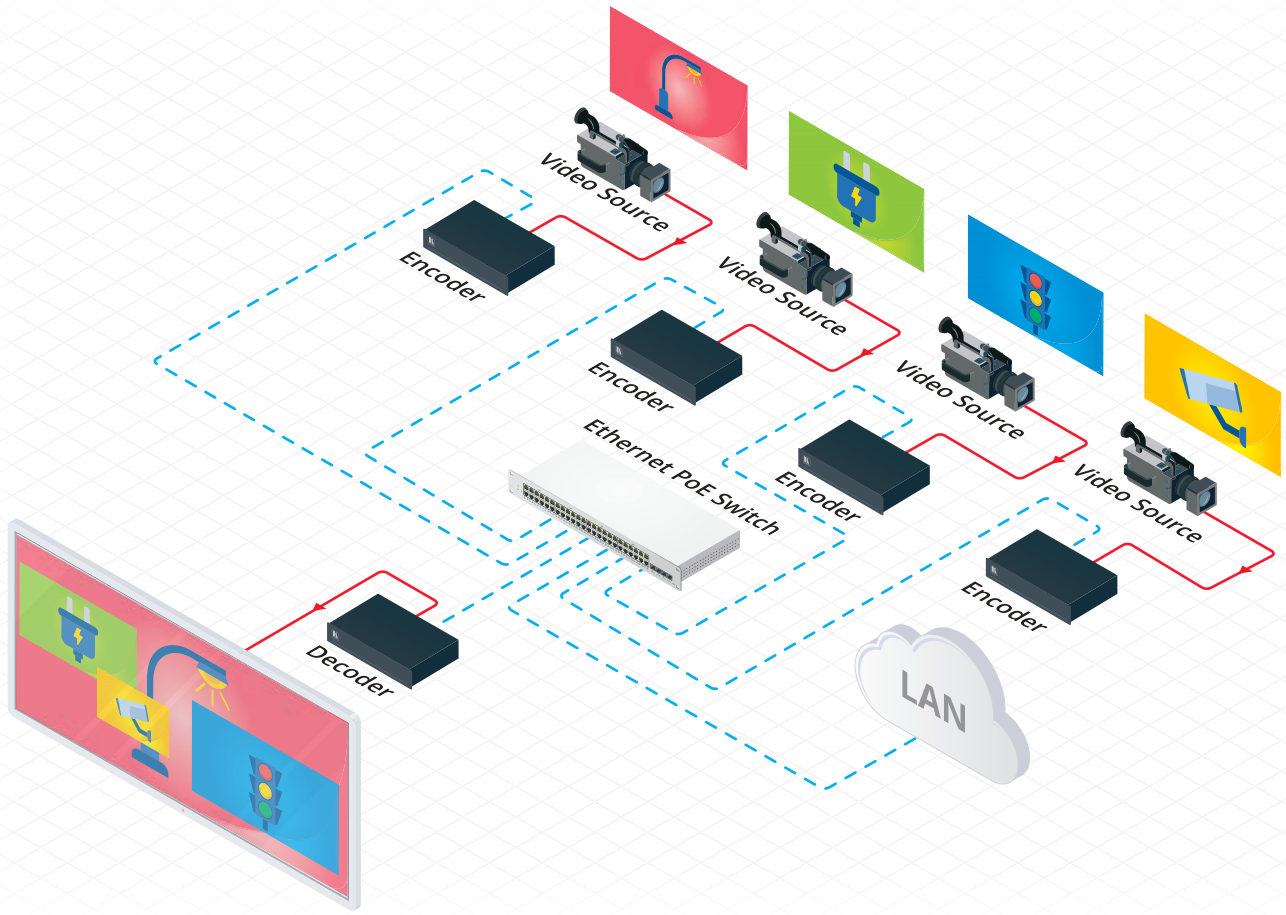
HDMI Ethernet

Video Wall



HDMI Ethernet

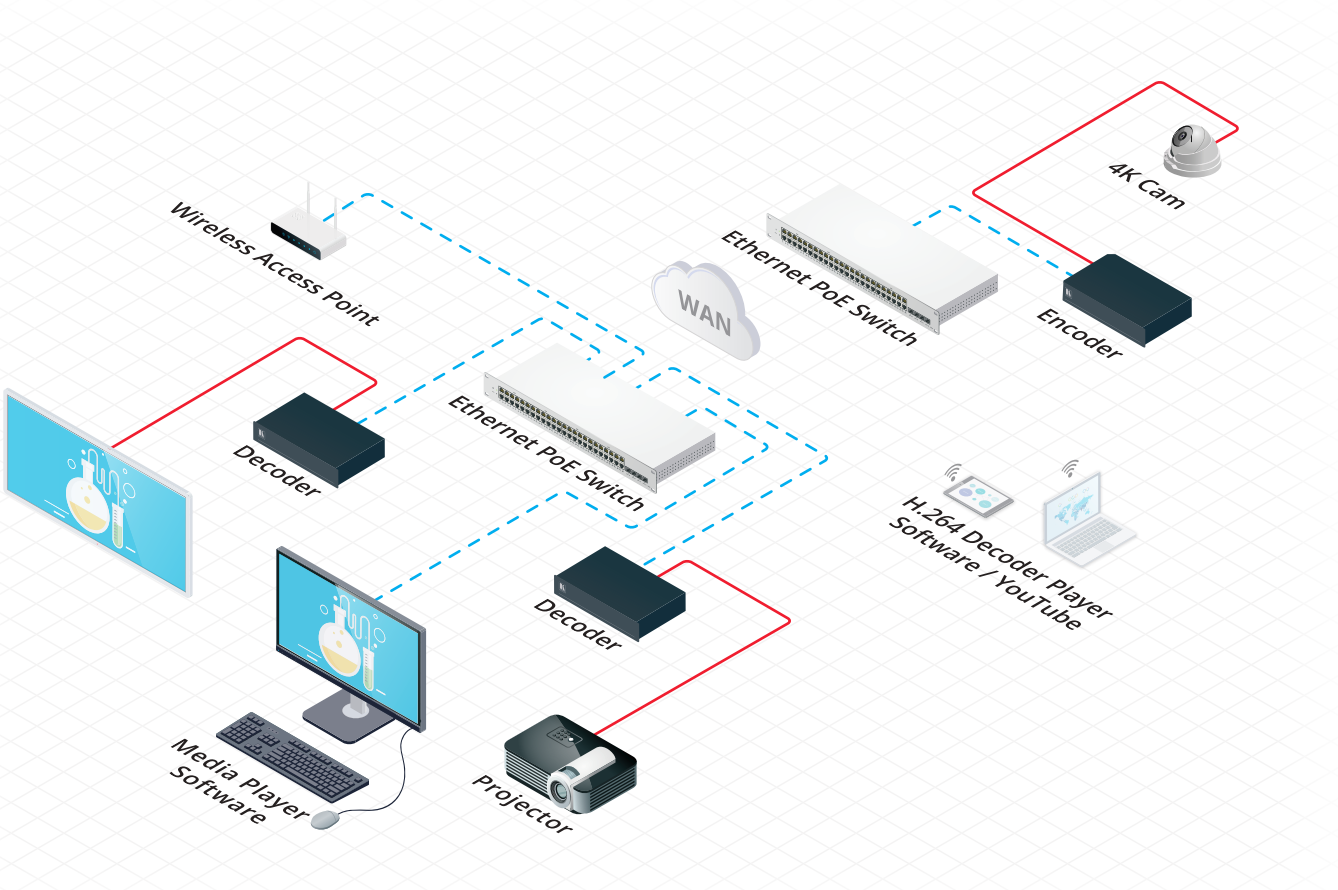
Multiview



● HDMI ● Ethernet

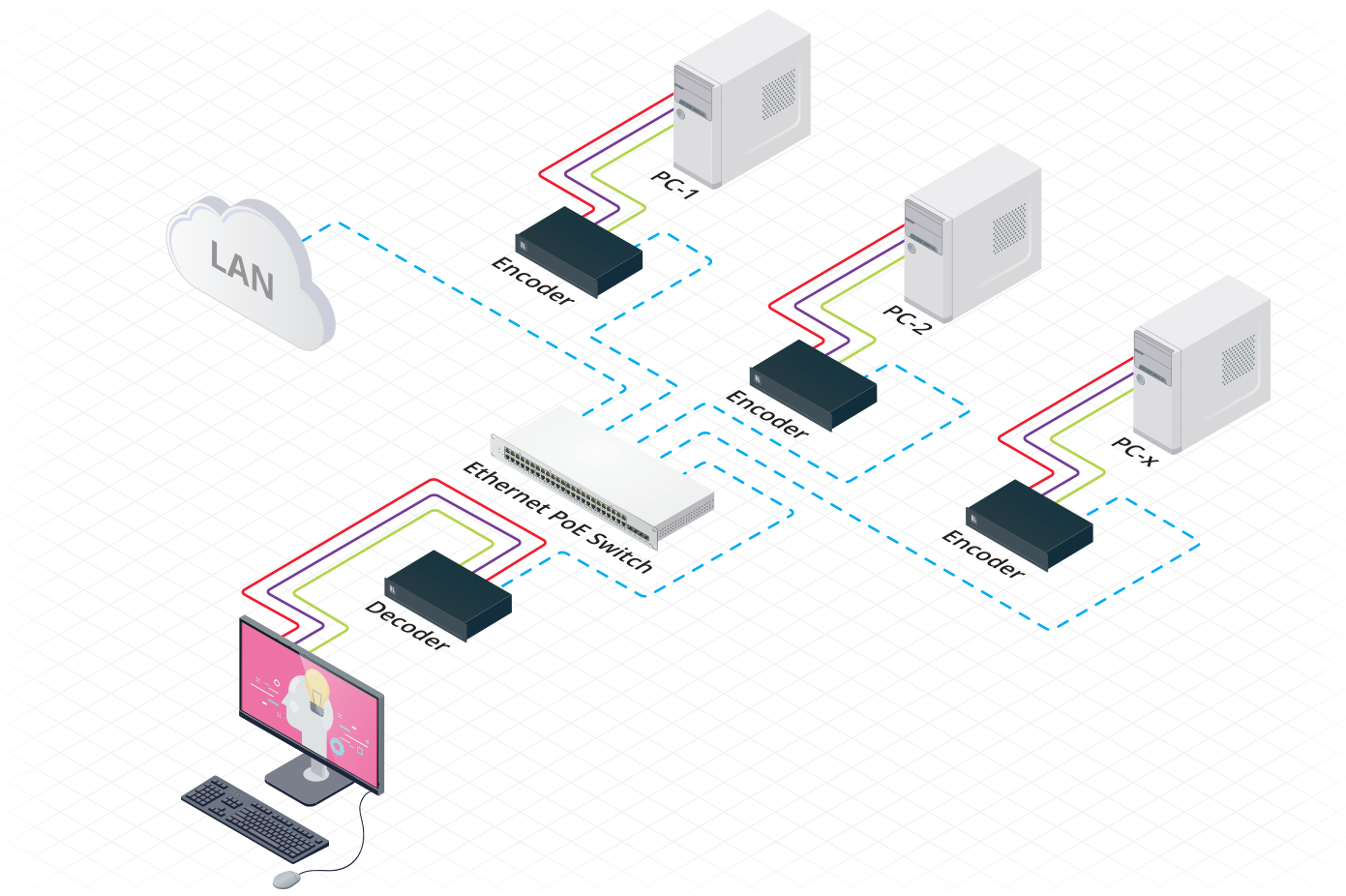
**Supported with KDS-8*

4K H.264 Streaming



● HDMI ● Ethernet

KVM



HDMI Ethernet Keyboard Mouse

End-to-End AV over IP Solutions

Build any size AV distribution system on your existing IP network with encoders, decoders and transceivers and manage it all from a simple, powerful virtual matrix GUI.

AV Distribution – Unlimited Scalability
Kramer AV over IP Product Family

4K Multi-Standard Streaming

H.264 MPEG-4/AVC | H.265 MPEG-4/AVC

1Gbps Network

4K60 4:4:4, HDCP 2.2

KDS-10
AV Encoders/Decoders/Transceivers w/ Multi-Standard Streaming

4K Zero Latency

SDVoE ALLIANCE

10Gbps Network

4K60 4:4:4, HDCP 2.2

KDS-8/KDS-8F
AV Encoders/Decoders/ Transceivers over Copper or Fiber

4K Low Latency

JPEG 2000

1Gbps Network

4K60 4:2:0, HDCP 2.2

KDS-6
AV Encoders/Decoders

4K Standard Latency

H.264 MPEG-4/AVC

1Gbps Network

4K30 4:4:4

KDS-5
AV Encoders/Decoders

Dante™
SPOKEN HERE

KRAMER
XSPerience

NEW AFM-20DSP / AFM-20DSP-AEC

20-Port Audio Matrix with DSP and Interchangeable Inputs & Outputs

- Multi-channel DSP
- Intuitive configuration & control
- Built-in Power Amp w/ 2x60W @ 8Ω and 1x120W @ 70V / 100V
- HDMI audio embedding and de-embedding
- 4x4 Dante interface

PA-120Net / PA-240Net

120W/240W Networked Power Amplifiers

- Line-level output
- 2ch Dante input & stereo line level input
- Built-in DSP
- Controllable via RS-232 and IP

FC-404Net

4X4 Dante Interface

- Inputs – 4 line or mic balanced mono
- Outputs – 4 balanced mono
- Volume settings – independent input gain/output volume

FC-102Net / FC-101Net

2-Channel Dante Encoder/Decoder

- PoE acceptor
- Volume control
- Dante IP control matrix & Kramer API

KN-DSP100

Kramer Network Powered Server with DSP

- Single-box, plug-and-play solution
- Perfect for large-scale DSP deployments

Tavor 6-CNet

6.5" in-ceiling PoE speaker with Dante

- Maximum of 105dBSPL
- Easy, one-click tool-free Installation
- Modern contemporary design

AV BEYOND THE BOX

About Kramer Electronics

Kramer Electronics, Ltd. is a leading manufacturer and distributor of pro AV products and IT management solutions for AV installations. With industry-leading hardware, cutting-edge cloud technologies and innovative software, the company's portfolio includes products and solutions for signal processing and distribution, control, AV/IT management, wireless presentation & collaboration, and end-to-end installer solutions.

The company was founded in 1981 and today serves customers in over 90 countries across six continents. Kramer has won numerous awards, including the 2013 Pioneer of AV Award at InfoComm in honor of its Founder, President & Chairman, Dr. Joseph Kramer.

KramerAV.com

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